Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
3800066.00086/205EApplication No.  
10/717,500**List of Patents and Publications for Applicant's  
Information Disclosure Statement**

(37 CFR §1.98(b))

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	2003/0166255	09/04/03	Chappell	435	252.3	03/08/02
	AB	2006/0218661	09/28/06	Chappell et al.	800	278	07/26/04
	AC	2007/0089198	04/19/07	Chappell et al.	800	280	12/14/06
	AD	2007/0231861	10/04/07	Millis et al.	435	69.1	05/24/07
	AE	2007/0238157	10/11/07	Millis et al.	435	166	05/24/07
	AF	2007/0238159	10/11/07	Millis et al.	435	252.33	05/24/07
	AG	2007/0238160	10/11/07	Millis et al.	435	252.33	05/24/07
	AH	2008/0171378	07/17/08	Keasling	435	254.21	07/21/05
	AI	2008/0178354	07/24/08	Chappell et al.	800	298	10/31/07
	AJ	2010/0035329	02/11/10	Millis et al.	435	254.2	07/27/09
	AK	2010/0120110	05/13/10	Chappell	435	166	07/29/08
	AL	2010/0129306	05/27/10	Julien et al.	424	65	10/14/09
	AM	2010/0151519	06/17/10	Julien et al.	435	69.1	08/12/09
	AN	2010/0151555	06/17/10	Julien et al.	435	193	08/12/09
	AO	2010/0216186	08/26/10	Chappell et al.	435	69.1	10/28/08
	AP	5,589,619	12/31/96	Chappell et al.	800	205	12/08/94
	AQ	5,766,911	06/16/98	Koike et al.	435	193	09/28/95
	AR	5,824,774	10/20/98	Chappell et al.	530	350	04/12/96
	AS	5,871,988	02/16/99	Croteau et al.	435	183	04/29/97
	AT	5,981,843	11/09/99	Chappell et al.	800	301	05/18/95
	AU	6,072,045	06/06/00	Chappell et al.	536	23.1	08/14/98
	AV	6,100,451	08/08/00	Chappell et al.	800	298	12/22/95
	AW	6,468,772	10/22/02	Chappell et al.	435	183	09/17/99
	AX	6,495,354	12/17/02	Chappell et al.	435	183	06/22/01
	AZ	6,559,297	05/06/03	Chappell et al.	536	23.1	06/29/01
	BA	6,569,656	05/27/03	Chappell et al.	435	183	07/11/01
	BB	6,645,762	11/11/03	Chappell et al.	435	325	07/06/01
	BC	6,890,752	05/10/05	Chappell et al.	435	325	06/28/01
	BD	7,186,891	03/06/07	Chappell et al.	800	298	02/28/00

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		Filing Date November 21, 2003	Group Art Unit 1638	

**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	BE	7,405,057	07/29/08	Chappell et al.	435	69.1	03/08/02
	BF	7,442,785	10/28/08	Chappell et al.	536	23.6	07/26/04

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Translation	
					Yes	No
	BG	0 768 381	04/16/97	EP		
	BH	WO 96/36697	11/21/96	WIPO		
	BI	WO 97/38571	10/23/97	WIPO		
	BJ	WO 97/38703	10/23/97	WIPO		
	BK	WO 00/017327	03/30/00	WIPO		
	BL	WO 2002/072758	09/19/02	WIPO		
	BM	WO 2004/031376	04/15/04	WIPO		
	BN	WO 2005/079020	07/27/06	WIPO		
	BO	WC 2010/019696	02/18/10	WIPO		

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	BP	An et al., "Functional analysis of the 3' control region of the potato wound-inducible proteinase inhibitor II gene," Plant Cell 1:115-122 (1989).
	BQ	An et al., "Organ-specific and developmental regulation of the nopaline synthase promoter in transgenic tobacco plants," Plant Physiol. 88:547-552 (1988).
	BR	Anderson et al., "Farnesyl diphosphate synthetase - molecular cloning sequence, and expression of an essential gene from <i>Saccharomyces cerevisiae</i> ," J. Biol. Chem. 264(32):19176-19184 (1989).
	BS	ATCC Accession No. CCL 61™, derived from CHO-K1 cell line, Depositor: Puck, T., Isolation date: 1957, Retrieved from the Internet: <URL: atcc.org/ATCCAdvancedCatalogSearch/ProductDetails/tabid/452/Default.aspx, (accessed 4/7/10; 4 pages).
	BT	ATCC Accession No. CRL 1650™, derived from CV-1 cell line, Cell type: SV40 transformed, Depositor: Gluzman, Y., Retrieved from the Internet: <URL: atcc.org/ATCCAdvancedCatalogSearch/ProductDetails/tabid/452/Default.aspx, (accessed 4/7/10; 3 pages).
	BU	Back, K. and J. Chappell, "Identifying functional domains within terpene cyclases using a domain-swapping strategy," Proc. Natl. Acad. Sci. U.S.A. 93:6841-6845 (1996).
	BV	Bio-Rad Technical Bulletin #1687, "Biolistic Particle Delivery Systems," Bio-Rad Laboratories, Hercules, California, pp. 1-11 (February 9, 1996).
	BW	Boislmann et al., "Terpenoid-based defenses in conifers: cDNA cloning, characterization, and functional expression of wound-inducible (E)- $\alpha$ -bisabolene synthase from grand fir ( <i>Abies grandis</i> )," Proc. Natl. Acad. Sci. U.S.A. 95:6756-6761 (1993).

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Examiner Initial	Desig. ID	Document
	BX	Bustos et al., "Regulation of $\beta$ -glucuronidase expression in transgenic tobacco plants by an A/T-rich, <i>cis</i> -acting sequence found upstream of a French bean $\beta$ -phaseolin gene," <i>Plant Cell</i> 1:839-853 (1989).
	BY	Callis et al., "Heat inducible expression of a chimeric maize hsp70CAT gene in maize protoplasts," <i>Plant Physiol.</i> 88:965-968 (1988).
	BZ	Callis et al., "Introns increase gene expression in cultured maize cells," <i>Genes Dev.</i> 1:1183-1200 (1987).
	CA	Cane et al., "Aristolochene biosynthesis and enzymatic cyclization of farnesyl pyrophosphate," <i>J. Am. Chem. Soc.</i> 111:8914-8916 (1989).
	CB	Cane et al., "Overexpression in <i>Escherichia coli</i> of soluble aristolochene synthase from <i>Penicillium roqueforti</i> ," <i>Arch. Biochem. Biophys.</i> 302:415-419 (1993).
	CC	Cane et al., "Trichodiene biosynthesis and the stereochemistry of the enzymatic cyclization of farnesyl pyrophosphate," <i>Bioorg. Chem.</i> 13:246-265 (1985).
	CD	Cane et al., "Trichodiene synthase. Identification of active site residues by site-directed mutagenesis," <i>Biochem.</i> 34:2480-2488 (1995).
	CE	Cane et al., "Trichodiene synthase. Substrate specificity and inhibition," <i>Biochem.</i> 34:2471-2479 (1995).
	CF	Cane, D., "Enzymatic formation of sesquiterpenes," <i>Chem. Rev.</i> 90:1089-1103 (1990).
	CG	Chappell, J. and R. Nable, "Induction of sesquiterpenoid biosynthesis in tobacco cell suspension cultures by fungal elicitor," <i>Plant Physiol.</i> 85:469-473 (1987).
	CH	Chappell et al., "Elicitor-inducible 3-hydroxy-3-methylglutaryl coenzyme A reductase activity is required for sesquiterpene accumulation in tobacco cell suspension cultures," <i>Plant Physiol.</i> 97:693-698 (1991).
	CI	Corey et al., "Isolation of an <i>Arabidopsis thaliana</i> gene encoding cycloartenol synthase by functional expression in a yeast mutant lacking lanosterol synthase by the use of a chromatographic screen," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 90:11628-11632 (1993).
	CJ	Croteau et al., "Irreversible inactivation of monoterpene cyclases by a mechanism-based inhibitor," <i>Arch. Biochem. Biophys.</i> 307(2):397-404 (1993).
	CK	Croteau, R., "Evidence for the ionization steps in monoterpene cyclization reactions using 2-fluorogeranyl and 2-fluorolinalyl pyrophosphates as substrates," <i>Arch. Biochem. Biophys.</i> 251(2):777-782 (1986).
	CL	Degenhardt et al., "Monoterpene and sesquiterpene synthases and the origin of terpene skeletal biodiversity in plants," <i>Phytochem.</i> 70:1621-1637 (2009).
	CM	Dekeyser et al., "Transient gene expression in intact and organized rice tissues," <i>Plant Cell</i> 2:591-602 (1990).
	CN	Draper et al., "Ti plasmid homologous sequences present in tissues from <i>Agrobacterium</i> plasmid-transformed <i>Petunia</i> protoplasts," <i>Plant Cell Physiol.</i> 23(3):451-458 (1982).
	CO	Fang et al., "Multiple <i>cis</i> regulatory elements for maximal expression of the cauliflower mosaic virus 35S promoter in transgenic plants," <i>Plant Cell</i> 1:141-150 (1989).
	CP	Freeman et al., "A comparison of methods for plasmid delivery into plant protoplasts," <i>Plant Cell Physiol.</i> 25(8):1353-1365 (1984).
	CQ	Fromm et al., "An octopine synthase enhancer element directs tissue-specific expression and binds ASF-1, a factor from tobacco nuclear extracts," <i>Plant Cell</i> 1:977-984 (1989).
	CR	Fromm et al., "Stable transformation of maize after gene transfer by electroporation," <i>Nature</i> 319:791-793 (1986).
	CS	Garel, J., "Folding of Large Proteins: Multidomain and Multisubunit Proteins," in "Protein Folding," Creighton, ed., W.H. Freeman & Co., New York, pp. 406-407 (1992).

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Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 3800066.00086/205E	Application No. 10/717,500
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		Filing Date November 21, 2003	Group Art Unit 1638	

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	CT	Gasser, C. and R. Fraley, "Genetically engineering plants for crop improvement," <i>Science</i> 244:1293-1299 (1989).
	CU	Gershenson, J. and R. Croteau, in "Lipid Metabolism in Plants," Moore, T., ed., CRC Press, Boca Raton, Florida: CRC Press, pp. 340-388 (1993).
	CV	Goeddel et al., "Synthesis of human fibroblast interferon by <i>E. coli</i> ," <i>Nucleic Acids Res.</i> 8(18):4057-4074 (1980).
	CW	Gordon-Kamm et al., "Transformation of maize cells and regeneration of fertile transgenic plants," <i>Plant Cell</i> 2:603-618 (1990).
	CX	Hanley, K. and J. Chappell, "Solubilization, partial purification, and immunodetection of squalene synthetase from tobacco cell suspension cultures," <i>Plant Physiol.</i> 98:215-220 (1992).
	CY	Horsch et al., "A simple and general method for transferring genes into plants," <i>Science</i> 227:1229-1231 (1985).
	CZ	Jang, J. and J. Sheen, "Sugar sensing in higher plants," <i>Plant Cell</i> 6:1665-1679 (1994).
	DA	Kay et al., "Duplication of CaMV 35S promoter sequences creates a strong enhancer for plant genes," <i>Science</i> 236:1299-1302 (1987).
	DB	Kindle, K., "High-frequency nuclear transformation of <i>Chlamydomonas reinhardtii</i> ," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 87:1228-1232 (1990).
	DC	Kuhlemeier et al., "The pea <i>rbcS-3A</i> promoter mediates light responsiveness but not organ specificity," <i>Plant Cell</i> 1:471-478 (1989).
	DD	Laskovics, F. and C. Poulter, "Prenyltransferase: determination of the binding mechanism and individual kinetic constants for farnesylpyrophosphate synthetase by rapid quench and isotope partitioning experiments," <i>Biochem.</i> 20:1893-1901 (1981).
	DE	Lichtenstein, C. and S. Fuller, "Vectors for the genetic engineering of plants," in <i>Genetic Engineering</i> , vol. 6, Rigby P, ed., London, Academic Press, pp.103-183 (1987).
	DF	Lichtenstein, C. and J. Draper, "Genetic engineering of plants," in <i>DNA Cloning: A Practical Approach</i> , Vol. 2, pp.67-119. Edited by D. Glover, Oxford & Washington D.C.: IRL Press (1985).
	DG	Marcotte et al., "Abscisic acid-responsive sequences from the Em gene of wheat," <i>Plant Cell</i> 1:969-976 (1989).
	DH	Mau, C. and C. West, "Cloning of casbene synthase cDNA: evidence for conserved structural features among terpenoid cyclases in plants," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 91:8497-8501 (1994).
	DI	Noel, J. and M. Tsai, "Phospholipase A <sub>2</sub> engineering: design, synthesis, and expression of a gene for bovine (pro)phospholipase A <sub>2</sub> ," <i>J. Cell. Biochem.</i> 40:309-320 (1989).
	DJ	Odell et al., "Identification of DNA sequences required for activity of the cauliflower mosaic virus 25S promoter," <i>Nature</i> 313:810-812 (1985).
	DK	Ohnuma et al., "A role of the amino acid residue located on the fifth position before the first aspartate-rich motif of farnesyl diphosphate synthase of determination of the final product," <i>J. Biol. Chem.</i> 271(48):30748-30754 (1996).
	DL	Ow et al., "Functional regions of the cauliflower mosaic virus 35S RNA promoter determined by use of the firefly luciferase gene as a reporter of promoter activity," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 84:4870-4874 (1987).
	DM	Potrykus, I., "Gene transfer to plants: assessment of published approaches and results," <i>Annu. Rev. Plant Physiol. Plant Mol. Biol.</i> 42:205-225 (1991).
	DN	Pyun et al., "Regiospecificity and isotope effects associated with the methyl-methylene elimination in the enzyme-catalyzed biosynthesis of (R)- and (S)-limonene," <i>J. Org. Chem.</i> 58:3998-4009 (1993).

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Examiner Initial	Desig. ID	Document		
	DO	Rajaonarivony et al., "Characterization and mechanism of (4S)-limonene synthase, a monoterpene cyclase from the glandular trichomes of peppermint ( <i>Mentha x piperita</i> )," <i>Arch. Biochem. Biophys.</i> 296(1):49-57 (1992).		
	DP	Rajaonarivony et al., "Evidence for an essential histidine residue in 4S-limonene synthase and other terpene cyclases," <i>Arch. Biochem. Biophys.</i> 299(1):77-82 (1992).		
	DQ	Rosahl et al., "Expression of a tuber-specific storage protein in transgenic tobacco plants: demonstration of an esterase activity," <i>EMBO J.</i> 6(5):1155-1159 (1987).		
	DR	Schäffner, A. and J. Sheen, "Maize <i>rbcS</i> promoter activity depends on sequence elements not found in dicot <i>rbcS</i> promoters," <i>Plant Cell</i> 3:997-1012 (1991).		
	DS	Schalk, M. and R. Croteau, "A single amino acid substitution (F363I) converts the regiochemistry of the spearmint (-)-limonene hydroxylase from a C6- to a C3-hydroxylase," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 97(22):11948-11953 (2000).		
	DT	Schernthaner et al., "Endosperm-specific activity of a zein gene promoter in transgenic tobacco plants," <i>EMBO J.</i> 7(5):1249-1255 (1988).		
	DU	Sheen et al., "Green-fluorescent protein as a new vital marker in plant cells," <i>Plant J.</i> 8(5):777-784 (1995).		
	DV	Sheen, J., "Metabolic repression of transcription in higher plants," <i>Plant Cell</i> 2:1027-1038 (1990).		
	DW	Shen, Q. and T. Ho, "Functional dissection of an abscisic acid (ABA)-inducible gene reveals two independent ABA-responsive complexes each containing a G-box and a novel <i>cis</i> -acting element," <i>Plant Cell</i> 7:295-307 (1995).		
	DX	Shimatake, H. and M. Rosenberg, "Purified $\lambda$ regulatory protein cII positively activates promoters for lysogenic development," <i>Nature</i> 292:128-132 (1981).		
	DY	Siebertz et al., "cis-Analysis of the wound-inducible promoter <i>wun1</i> in transgenic tobacco plants and histochemical localization of its expression," <i>Plant Cell</i> 1:961-968 (1989).		
	DZ	Simpson et al., "Light-inducible and tissue-specific expression of a chimaeric gene under control of the 5'-flanking sequence of a pea chlorophyll <i>a/b</i> -binding protein gene," <i>EMBO J.</i> 4(11):2723-2729 (1985).		
	EA	Song, L. and C. Poulter, "Yeast farnesyl-diphosphate synthase: site-directed mutagenesis of residues in highly conserved prenyl-transferase domains I and II," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 91:3044-3048 (1994).		
	EB	Stoessl et al., "Sesquiterpenoid stress compounds of the solanaceae," <i>Phytochem.</i> 15:855-872 (1976).		
	EC	Straub et al., "Structure and promoter analysis of an ABA- and stress-regulated barley gene, HVA1," <i>Plant Mol. Biol.</i> 6:617-630 (1994).		
	ED	Takahashi, T. and Y. Komeda, "Characterization of two genes encoding small heat-shock proteins in <i>Arabidopsis thaliana</i> ," <i>Mol. Gen. Genet.</i> 219:365-372 (1989).		
	EE	Takahashi et al., "Isolation and analysis of the expression of two genes from the 81-kilodalton heat-shock proteins from <i>Arabidopsis</i> ," <i>Plant Physiol.</i> 99:383-390 (1992).		
	EF	Tarshis et al., "Regulation of product chain length by isoprenyl diphosphate synthases," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 93:15018-15023 (1996).		
	EG	Terada, R. and K. Shimamoto, "Expression of CaMV35S-GUS gene in transgenic rice plants," <i>Mol. Gen. Genet.</i> 220:389-392 (1990).		
	EH	Thornburg et al., "Wound-inducible expression of a potato inhibitor II-chloramphenicol acetyltransferase gene fusion in transgenic tobacco plants," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 84:744-748 (1987).		

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	EI	Vögeli, U. and J. Chappell, "Induction of sesquiterpene cyclase and suppression of squalene synthetase activities in plant cell cultures treated with fungal elicitor," <i>Plant Physiol.</i> 88:1291-1296 (1988).
	EJ	Vögeli, U. and J. Chappell, "Inhibition of a plant sesquiterpene cyclase by mevinolin," <i>Arch. Biochem. Biophys.</i> 288(1):157-162 (1991).
	EK	Vögeli, U. and J. Chappell, "Regulation of a sesquiterpene cyclase in cellulase-treated tobacco cell suspension cultures," <i>Plant Physiol.</i> 94:1860-1866 (1990).
	EL	Vögeli et al., "Inhibition of phytoalexin biosynthesis in elicitor-treated tobacco cell-suspension cultures by calcium/calmodulin antagonists," <i>Plant Physiol.</i> 100:1369-1376 (1992).
	EM	Weichselbaum et al., "Definition of the human immunodeficiency virus type 1 Rev and human T-cell leukemia virus type I Rex protein activation domain by functional exchange," <i>J. Virol.</i> 66(4):2583-2587 (1992).
	EN	Wheeler, C. and R. Croteau, "Direct demonstration of the isomerization component of the monoterpane cyclase reaction using a cyclopropylcarbinyl pyrophosphate substrate analog," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 84:4856-4859 (1987).
	EO	Whitehead et al., "5-epi-Aristolochene is a common precursor of the sesquiterpene phytoalexins capsidiol and debneyol," <i>Phytochemistry</i> 28(3):775-779 (1989).
	EP	Whitehead et al., "Synthesis of (+)-5-epi-aristolochene and (+)-1-deoxycapsidiol from capsidiol," <i>Phytochemistry</i> 29(2):479-482 (1990).
	EQ	Wildung, M. and R. Croteau, "A cDNA clone for taxadiene synthase, the diterpene cyclase that catalyzes the committed step of taxol biosynthesis," <i>J. Biol. Chem.</i> 271(16):9201-9204 (1996).
	ER	Wong et al., "Domain exchange: characterization of a chimeric lipase of hepatic lipase and lipoprotein lipase," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 88:11290-11294 (1991).
	ES	Zhang, W. and R. Wu, "Efficient regeneration of transgenic plants from rice protoplasts and correctly regulated expression of the foreign gene in the plants," <i>Theor. Appl. Genet.</i> 76:835-840 (1988).
	ET	Zook et al., "Characterization of novel sesquiterpene biosynthesis in tobacco expressing fungal sesquiterpenoid synthase," <i>Plant Physiol.</i> 112:311-318 (1996).

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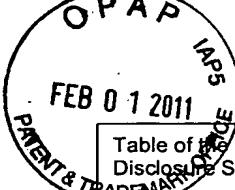


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None.					

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>					
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Translation Yes      No
None.					

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
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	1	Office Action, issued July 30, 2003, in connection with U.S. Patent Application Serial No. 09/514,513 (Attorney Docket No. 3800066.00084/205C).
	2	Office Action, issued February 10, 2005, in connection with U.S. Patent Application Serial No. 09/514,513 (Attorney Docket No. 3800066.00084/205C).
	3	Office Action, issued February 9, 2006, in connection with U.S. Patent Application Serial No. 09/514,513 (Attorney Docket No. 3800066.00084/205C).
	4	Office Action, issued August 6, 2002, in connection with U.S. Patent Application Serial No. 09/576,057 (Attorney Docket No. 3800066.00085/205D).
	5	Office Action, issued February 27, 2003, in connection with U.S. Patent Application Serial No. 09/576,057 (Attorney Docket No. 3800066.00085/205D).
	6	Office Action, issued January 8, 2009, in connection with U.S. Patent Application Serial No. 11/932,489 (Attorney Docket No. 3800066.00087/205F).
	7	Office Action, issued October 23, 2009, in connection with U.S. Patent Application Serial No. 11/932,489 (Attorney Docket No. 3800066.00087/205F).
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<b>List of Patents and Publications for Applicant's Information Disclosure Statement</b>			Applicant <i>Chappell et al.</i>	
(37 CFR §1.98(b))		Filing Date November 21, 2003		Group Art Unit 1638

Other Documents (include Author, Title, Date, and Place of Publication)		
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	18	Copy of response to Examination Report, filed October 12, 2000, in connection with European Patent Application Serial No. 97921142.2 (Attorney Docket No. 3800066.00111/205EP).
	19	Summary of Telephone Consultation with Examiner, issued November 30, 2000, in connection with European Patent Application Serial No. 97921142.2 (Attorney Docket No. 3800066.00111/205EP).
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